

REMARKS

Applicant wishes to enter the following remarks for the Examiner's consideration. Applicant has amended claims 1, 13, 14, 16, 19, 20, 26, 27, 31, 33, 34, 38, 40, 41, 43, 48, 50, 51, 55, 56, 61, 67, and 79. Applicant has canceled without prejudice claims 15, 21-25, 30, 39, 47, 52-54, and 62-66. New claims 91 and 92 have been added.

Claim 1 has been amended to include a current source element and is believed to be patentable over the prior art of record.

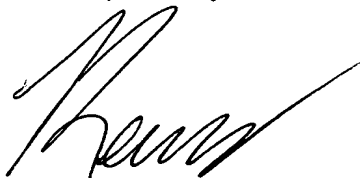
Claims 19 and 20 are directed to transient protection. Newly independent claim 19 combines the elements of claims 1 and 2. Claim 20 includes the recitations of claim 1.

Claim 40 is concerned with the transient detector and now includes the recitations of claim 1. Claim 41 now depends from claim 40.

New claim 91 is similar to recitations of canceled claim 47 and new claim 92 has recitations similar to those of claim 79.

A first office action on the merits is now earnestly solicited. Please contact the undersigned if you have any questions regarding this application.

Respectfully submitted,



Renee' Michelle Leveque

Reg. No. 36,193
221 East Church Street
Frederick, Maryland 21701
301-668-3073
Attorney for Applicant(s)
December 13, 2004